Appendix E: Revised Grand Summary of Current Reporting Requirements Table from the Consolidated Summary of State Reporting Requirements for the Safe Drinking Water Information System (SDWIS), November, 1995

Revisions to Part I, including Table SUM-1 of the *Consolidated Summary of State Reporting Requirements for the Safe Drinking Water Information System (SDWIS)*, November 1995 (EPA 812-B-95-001) to reflect new inventory requirements. Changes are highlighted in red or are shaded. Please replace Part I of the document with these replacement pages.

PART I. CONSOLIDATED SUMMARY OF CURRENT REPORTING REQUIREMENTS

Table SUM-1 summarizes all of the current reporting requirements in both DTF and SDWIS terminology Table SUM-1 also lists whether a particular data element/attribute is required in general or for a specific drinking water rule, such as the Total Coliform Rule (TCR), or the Surface Water Treatment Rule (SWTR).

Table SUM-1 was revised in response to the changes that were made to the inventory reporting requirements as described in detail in the June, 1998 document, "Revised Inventory Reporting Requirements for the Safe Drinking Water Information System (SDWIS/FED): Technical Guidance" (EPA-816-R-98-007).

All of the new reporting requirements are classified as being in the Core Data Set, which contains the minimal data needed to support the most common and critical EPA functions. The Core Data Set includes what were previously known as "registration requirements" and "grant eligibility requirements". These existing requirements will not change except as noted for Data Element Nos. C159 and C161.

Registration requirements are those data elements that are either operationally required by SDWIS/FED to process the data on a public water system (PWS), or are programmatically required by EPA to define each PWS or to meet some basic program need. These two types of registration requirements can also be conditionally required depending on the data being submitted.

Grant eligibility requirements are those data elements that define a PWS for State grant allotment purposes. Each year, SDWIS/FED is used to determine the percentage of the total national PWSS grant allocation that will go to each State. Only systems that contain valid data for all of the grant eligibility data elements are considered in this calculation.

In addition to the existing registration and grant eligibility requirements, the new elements added to the Core Data Set are also tied to a State's PWSS annual grant. Unlike the grant eligibility requirements, these new grant elements will not be used up-front during the grant calculation process, but will be tracked by the Regions during the annual program review process including through data verifications. Where reporting deficiencies are noted, the possibility of grant withholding exists.

In some cases, conditionally required data elements must only be reported to meet the operational requirements of SDWIS/FED. For example, C701 (PWS-VISIT-ID) is the identification number (secondary qualifier after the PWSID) for the C700 (Visit Information) DTF database record, and needs to be reported if visit data are reported. Visit information is not a current reporting requirement, so the appearance of C701 in Table SUM-1 occurs only for completeness sake, not because all of the data elements should be considered a current reporting requirement.

The same concept is true for cadastral data (C418, C419, C421, C423, and C425). Although the reporting of latitude/longitude data is now a reporting requirement, the "conditional" designation of the cadastral data elements suggests that, if these optional data are reported, then they must all be reported.

A few reporting requirements summarized in this document were not clearly described by any of the available reference documents. These uncertain requirements were researched by consulting with senior

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Office of Ground Water and Drinking Water and contractor personnel that were involved with the development of the original reporting requirements. Clarifications to those reporting requirements are provided below.

Currently to have a PWS inventory registered into SDWIS-FED, at least one source record needs to be reported along with all of the other required inventory data elements. Although only one source is needed to register a PWS inventory in SDWIS/FED, the intent of this reporting requirement was always to have all sources of water reported for each PWS. *This document therefore clarifies this requirement by stating that all active sources of water should be reported for each PWS.*

DTF data element C411 (PWS-SE-SELLER-ID) is required to be reported for all consecutive PWSs. Although a general characteristic of inventory, this data element is specifically needed under the SWTR. In SDWIS/FED, these data are represented by the relationship between WATER_SYSTEMSs via the WATER_PURCHASE entity type.

Although not specifically listed as a reporting requirement, C1280 Enforcement-Violation Link records are required reporting to SDWIS-FED. These data are needed to link follow-up actions to violations. See Table ENF-4 in Section 7 for a description of the data needed to properly link follow-up actions to violations. The proper linkage of follow-up actions to violations would have a single action linked to multiple violations (e.g., a single notice of violation record linked to several synthetic organic chemical (SOC) monitoring/reporting (M/R) violations if a single notice was sent in response to a failure to monitor for al of the regulated SOCs). In this case, separate follow-up actions should **not** be reported for each, separately reported, SOC M/R violation.

Finally, changes have been made to several sample data (C2100) elements based on the reduced requirements for reporting unregulated monitoring data as specified in the April 10, 1998 memorandum from Cynthia Dougherty, "Unregulated Contaminant Monitoring Data Round 2 - Call for State Data".
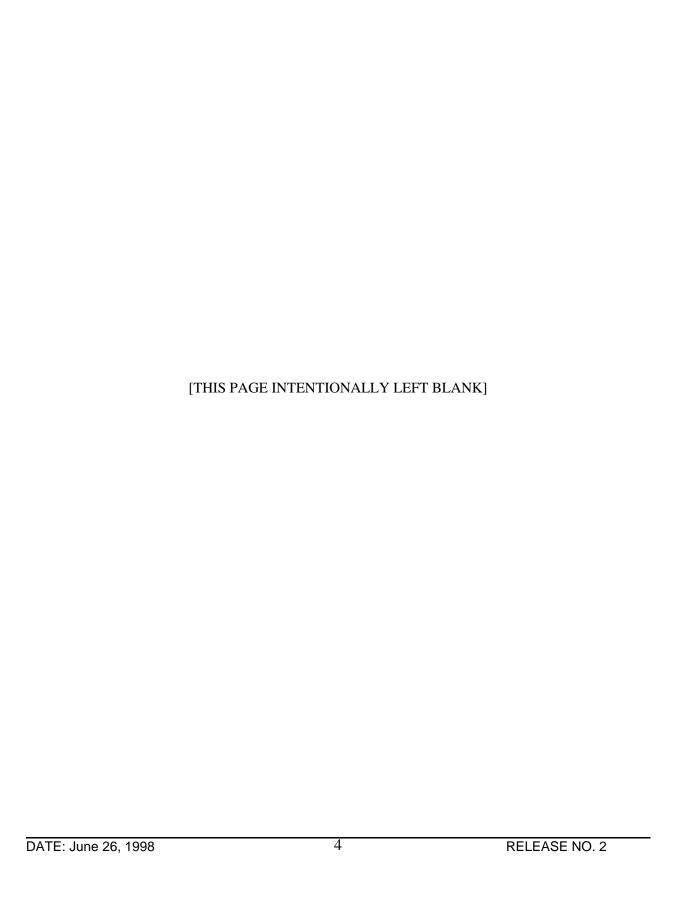
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Table SUM-1: Grand Summary of State Reporting Requirements [FINAL REVISION TO INDICATE NEW REQUIREMENTS]

[Deletions indicated by stikeouts and additions by shaded rows/cells; any newly created data elements are preliminary and cannot be used for reporting/retieval purposes at this time]

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C100 PWS-SUMMARY									
C101 PWS-ID	NUMBER WATER_SYSTEM	1 **Note:** 1 = operationally required (i.e., needed for SDWIS to process data on a PWS)	YES		YES	YES	YES	YES	YES
C105 PWS-TYPE	D_PWS_STATE_TYPE_CODE WATER_SYSTEM	2 **Note:** 2 = programmatically required (i.e., based on programmatic need)	YES		No	No	No	No	No
	D_PWS_FEDERAL_TYPE_CODE WATER_SYSTEM								
	TYPE_CODE POPULATION_SERVED								
C107 PWS-ACTIVITY-FLAG	ACTIVITY_STATUS_CODE WATER_SYSTEM	2	YES		No	No	No	No	No
C113 PWS-DEACT-YYMM	ACTIVITY_DATE WATER_SYSTEM	4 **Note:** 4 = programmatically required, conditionally. C113 is only reported for systems that have either stopped operation permanently or for a long period of time.	No		No	No	No	No	No
C117 PWS-RETAIL-POP-SERVED	AVERAGE_DAILY_COUNT POPULATION_SERVED	2	YES		No	No	No	No	No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
	D_POPULATION_COUNT WATER_SYSTEM								
C131 PWS-SYSTEM-NAME	NAME LEGAL_ENTITY	No	YES		No	No	No	No	No
	NAME WATER_SYSTEM								
C133 PWS-SYSTEM-ADDR-LINE-1	ADDR_LINE_ONE_TXT LEGAL_ENTITY	No	No	Yes	No	No	No	No	No
C135 PWS-SYSTEM-ADDR-LINE-2	ADDR_LINE_TWO_TXT LEGAL_ENTITY	No	No	The mailing address of the water system.	No	No	No	No	No
C137 PWS-SYSTEM-CITY	ADDRESS_CITY_NAME LEGAL_ENTITY	No	YES		No	No	No	No	No
C139 PWS-SYSTEM-STATE	STATE_FIPS_CODE LEGAL_ENTITY	No	YES		No	No	No	No	No
C141 PWS-SYSTEM-ZIP	ADDRESS_ZIP_CODE LEGAL_ENTITY	No	YES		No	No	No	No	No
C147 PWS-SERVICE-CONNECTIONS	COUNT SERVICE_CONNECTION_CATEGORY	2	YES		No	No	No	No	No
C159 PWS-SEASON-BEGIN-MMDD **This element will no longer be counted toward grant eligibility after March, 1999**	START_DAY ANNUAL_OPERATING_PERIOD	No	~~Conditional~~ ~~Applies only to NTNCWSs & TNCWSs.~~ ~~Denotes start date (mmyy) of season of operation.~~		No	No	No	No	No
	START_MONTH ANNUAL_OPERATING_PERIOD								

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C161 PWS-SEASON-END-MMDD **This element will no longer be counted toward grant eligibility after March, 1999**	END_DAY ANNUAL_OPERATING_PERIOD	No	~~Conditional~~ ~~Applies only to NTNC WSs & TNCWSs.~~ ~~Denotes date (mmyy) that season of operation ends.~~		No	No	No	No	No
	END_MONTH ANNUAL_OPERATING_PERIOD								
C163 PWS-OWNER-TYPE-CODE	OWNER_TYPE_CODE WATER_SYSTEM	No	No	Yes	No	No	No	No	No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C300 PWS-ADDRESS-DATA									
C301 PWS-AD-ID	STATE_ASGN_IDENTIFICATION_ NUMBER LEGAL_ENTITY	3 **Note:** 3 = operationally required, conditionally (i.e., needs this data element to be valued if any other address elements below are reported.)	No	Yes, conditional The physical address of the water system must be reported if different from the mailing address reported in the C100 record. Also the physical address of each treatment plant must be reported if the latitude and longitude is not reported.	No	No	No	No	No
C303 PWS-AD-TYPE	TYPE_CODE WATER_SYS_LEGAL_ENTITY_ CONTACT	No	No		No	No	No	No	No
C305 PWS-AD-NAME	NAME LEGAL_ENTITY	No	No		No	No	No	No	No
C307 PWS-AD-ADDR-LINE-1	ADDR_LINE_ONE_TXT LEGAL_ENTITY	No	No		No	No	No	No	No
C309 PWS-AD-ADDR-LINE-2	ADDR_LINE_TWO_TXT LEGAL_ENTITY	No	No		No	No	No	No	No
C311 PWS-AD-CITY	ADDRESS_CITY_NAME LEGAL_ENTITY	No	No		No	No	No	No	No
C313 PWS-AD-STATE	ADDRESS_STATE_CODE LEGAL_ENTITY	No	No		No	No	No	No	No
C315 PWS-AD-ZIP	ADDRESS_ZIP_CODE LEGAL_ENTITY	No	No		No	No	No	No	No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C400 PWS-SOURCE-ENTITY-INFO									
C401 PWS-SE-ID	STATE_ASGN_IDENT_CD WATER_SYSTEM_FACILITY	1	No		No	YES	No	No	No
C405 PWS-SE-RECORD-TYPE	TYPE_CODE WATER_SYSTEM_FACILITY	1	No		No	YES	No	No	No
C407 PWS-SE-CODE	WATER_TYPE_CODE WATER_PURCHASE	2	No		No	~~YES~~ No	No	No	No
	WATER_TYPE_CODE WATER_SYSTEM_FACILITY								
C411 PWS-SE-SELLER ID	Represented by relationship between 2 WATER_SYSTEMs via WATER_PURCHASE entity type	~~No~~ 4 **Note:** 4= programmatically required, conditionally. C411 must be reported for all purchased water sources, i.e., C407 (WATER_TYPE_CODE) = P, W, or Z.	No		No	~~Needed if source is purchased~~ No	No	No	No
C415 LATITUDE (as degrees, minutes, and seconds)	LAT_EQUATOR_CD WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
	LAT_DEGREES_NUM WATER_SYSTEM_FACILITY								
	LAT_MINUTES_NUM WATER_SYSTEM_FACILITY								
	LAT_SECONDS_NUM WATER_SYSTEM_FACILITY								

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C441 LATITUDE (as a decimal number) [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Optional Latitude can be reported in decimal degrees instead of as degrees, minutes, seconds.	No	No	No	No	No
C417 LONGITUDE (as degrees, minutes, and seconds)	LONG_MERIDIAN_CD WATER_SYSTEM_FACILITY LONG_DEGREES_NUM WATER_SYSTEM_FACILITY LONG_MINUTES_NUM WATER_SYSTEM_FACILITY LONG_SECONDS_NUM WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
C443 LONGITUDE (as a decimal number) [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Optional Longitude can be reported in decimal degrees instead of as degrees, minutes, seconds.	No	No	No	No	No
C0445 METHOD OF COLLECTION [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C0447 ACCURACY VALUE AND UNIT [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
C0449 DESCRIPTION CATEGORY [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
C0451 HORIZONTAL DATUM [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
C0453 SOURCE SCALE [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No
C0455 POINT LINE AREA [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes	No	No	No	No	No

Freedom Addendum_7976

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C0457 DATE OF COLLECTION [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Optional / Recom-mended	No	No	No	No	No
C0459 SOURCE [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0461 DESCRIPTION COMMENTS [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0465 VERTICAL MEASURE [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0467 VERTICAL MEASURE METHOD OF COLLECTION [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0469 VERTICAL MEASURE ACCURACY [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0471 VERTICAL DATUM [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No
C0463 VERIFICATION [NEW DATA ELEMENT]	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No		No	No	No	No	No

Freedom Addendum_7977

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C418 PWS-SE-MERIDIAN-NAME	MERIDIAN_NAME_TEXT CADASTRAL_LEGAL_DESCRIPTION	Registration required for C418-C425 = 4. The elements are interrelated and used as a means of physically locating a system. If any are reported, others may also be required.	No		No	No	No	No	No
C419 PWS-SE-TOWNSHIP	TOWNSHIP_NUMBER CADASTRAL_LEGAL_DESCRIPTION		No		No	No	No	No	No
C421 PWS-SE-RANGE	RANGE_NUMBER CADASTRAL_LEGAL_DESCRIPTION		No		No	No	No	No	No
C423 PWS-SE-SECTION	SECTION_NUMBER CADASTRAL_LEGAL_DESCRIPTION		No		No	No	No	No	No
C425 PWS-SE-QTR-SECTION	QUARTER_SECTION_CODE CADASTRAL_LEGAL_DESCRIPTION		No		No	No	No	No	No
C480 PWS-SE-TREATMENT-DATA									
C433 PWS-SE-TREATED-FLAG *[NEW DATA ELEMENT]*	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes Conditionally required if no treatment is applied, or alternatively can report "no treatment" as C483/C485 = N000.	No	No	No	No	No
C435 PWS-SE-SELLER-TREATED *[NEW DATA ELEMENT]*	As yet unnamed attribute WATER_SYSTEM_FACILITY	No	No	Yes C435 must be reported for all purchased water sources, i.e., C407 (WATER_TYPE_ CODE) = P, W, or Z.	No	No	No	No	No

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C481 PWS-SE-TREATMENT-ID	STATE_ASGN_IDENTIFICATION_ NUMBER TREATMENT_OBJ_PROCESS_ASG MT STATE_ASGN_IDENTIFICATION_ NUMBER MILESTONE_EVENT STATE_ASGN_IDENTIFICATION_ NUMBER DEVIATION	3 Thses data elements are required to process treatment information applied to a PWS source or plant facility record.	No	Yes Must be reported for each PWS source or treatment plant facility record. C483/C485 combination of N000 must also be reported where no treatment is in place, or C433=N can alternatively be reported.	No	~~YES~~ No	No	No	No
C483 PWS-SE-TREATMENT-OBJECTIVE	D_TREATMENT_OBJECTIVE TINTROBJ_CODE		No		No	~~YES~~ No	No	No	No
C485 PWS-SE- TREATMENT-PROCESS	D_TREATMENT_PROCESS TINTRPRO_CODE		No		No	~~YES~~ No	No	No	No
C487 PWS-SE-TREATMENT-INNOVATIVE-FLAG *[NEW DATA ELEMENT]*	As yet unnamed attribute TREATMENT_OBJ_PROCESS_ASG MT	No	No	Optional Required if reporting innovative treatment with a process code = '999'.	No	No	No	No	No
C489 PWS-SE-TREATMENT-INNOVATIVE-DESCRIPTION *[NEW DATA ELEMENT]*	As yet unnamed attribute TREATMENT_OBJ_PROCESS_ASG MT	No	No		No	No	No	No	No
C500 PWS-GEOGRAPHIC-AREAS-SERVED									
C501 PWS-GA-ID	STATE_ASGN_IDENTIFICATION_ NUMBER WATER_SYSTEM_GEO_AREA_ ASGMT	3	No		No	No	No	No	No
C509 PWS-GA-FIPS-COUNTY-CODE	TYPE_CODE GEOGRAPHIC_AREA	No	No	Yes	No	No	No	No	No

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
	FIPS_CODE GEOGRAPHIC_AREA								
C513 PWS-GA-CITY-SERVED	TYPE_CODE GEOGRAPHIC_AREA	No	No	Yes	No	No	No	No	No
	FIPS_CODE GEOGRAPHIC_AREA								
C600 PWS-SERVICE -AREAS									
C601 PWS-SERV-ID	STATE_ASGN_IDENTIFICATION_ NUMBER WATER_SYSTEM_SERVICE_AREA_ ASGMT	3	No		No	No	No	No	No
C603 PWS-SERV-CATEGORY	TINSAT_CLASS_CODE WATER_SYSTEM_SERVICE_AREA_ ASGMT	No	No	Yes Used ~~for NTNCWSs and TNCWSs only,~~ to identify the primary type of area ~~they serve~~ served by the water system.	No	No	No	No	No
C605 PWS-SERV-PRIMARY-FLAG	PRIMARY_INDICATOR_CODE WATER_SYSTEM_SERVICE_AREA_ ASGMT	No	No		No	No	No	No	No
C700 PWS-ON-SITE-VISITS									
C701 PWS-VISIT-ID	STATE_ASGN_IDENTIFICATION_ NUMBER VISIT	3 Conditionally required if visit data are reported. If reported, must also report C703, PWS-VISIT-DATE and/or C705, PWS-VISIT-REASON	No		No	No	No	No	No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET REGISTRATION REQUIREMENT	GRANT Formula	GRANT Withholding	TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
C800 PWS-MILESTONE-EVENTS									
C801 PWS-MILESTONE-ID	D_GENERATED_ID_SOURCE_CODE MILESTONE_EVENT	3	No		No	No	No	YES	No
	STATE_ASGN_IDENTIFICATION_ NUMBER MILESTONE_EVENT								
C803 PWS-MILESTONE-DATE	ACTUAL_DATE MILESTONE_EVENT	2	No		No	No	No	YES	No
C805 PWS-MILESTONE-CODE	TYPE_CODE MILESTONE_EVENT	2	No		No	No	No	YES	No
C815 PWS-MILESTONE-VALUE	MEASURE MILESTONE_EVENT	4	No		No	No	No	YES	No
C1100 VIOLATION-DATA									
C1101 VIO-ID	FEDERAL_FISCAL_YEAR_NUMBER VIOLATION	3	No		YES	YES	YES	YES	YES
	D_GENERATED_ID_SOURCE_CODE VIOLATION								
	STATE_ASGN_IDENTIFICATION_ NUMBER VIOLATION								
C1103 VIO-CONTAMINANT	TFRCNTMN_CODE VIOLATION	4	No		3100	No 0200 can be reported, but is defaulted if not reported.	Refer to Phase Table 3	5000; except when C1105 = 63, C1103 for: lead = 1030 & copper = 1022	See UCM Tables 2a & 2b
C1105 VIO-TYPE	TFRVTYPE_CODE VIOLATION	2	No		21 - 26, & 28	31, 36, 41, & 42	01 - 04, & 07	51 - 65	03
C1107 VIO-COMP-PERIOD-BEGIN-DATE	COMPLIANCE_PERIOD_BEGIN_DATE VIOLATION	2	No		YES	YES	YES	YES	YES

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DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C1109 VIO-COMP-PERIOD-END-DATE	COMPLIANCE_PERIOD_END_DATE VIOLATION	4	No		C1109 is not required if C1111 is reported	C1109 is not required if C1111 is reported	C1109 is not required if C1111 is reported	C1109 or C1111 must be reported for violation types 52, 55-57, 60, 63, & 65; for all others, SDWIS will determine values	C1109 is not required if C1111 is reported
C1111 VIO-COMP-PERIOD-MONTHS	Can be calculated	4	No		C1111 is not required if report C1107 & C1109	C1111 is not required if C1109 is reported	C1111 is not required if C1109 is reported		C1111 is not required if C1109 is reported
C1115 VIO-AWARE-DATE	AWARE_DATE VIOLATION	4	No		No	No	Required for MCL violations only (01 & 02)	No	No
C1123 VIO-ANALYSIS-RESULT	ANALYSIS_RESULT_MEASURE VIOLATION	4	No		No	No		No	No
C1125 VIO-MCL-VIOLATED	VIOLATED_MCL_MEASURE VIOLATION	4	No		No	No	Only required if state MCL is different than federal	No	No
C1127 VIO-SAMPLES-REQUIRED	REQUIRED_SAMPLE_NUMBER VIOLATION	No	No		No	Applies to M/R violations only (31 & 36). Can report C1131 instead of C1127 & C1129.	No	No	No
C1129 VIO-SAMPLES-TAKEN	SAMPLE_TAKEN_QUANTITY VIOLATION	4	No		No		Can report either C1129 or C1131	No	Can report either C1129 or C1131
C1131 VIO-MAJOR-VIOLATION-FLAG	MAJOR_VIOLATION_INDICATOR_CODE VIOLATION	4	No		No			No	
C1143 VIO-SE-ID	Represented by a relationship between VIOLATION and WATER_SYSTEM_FACILITY	No	No		No	No	Allows violations to be reported by source or by sampling point	No	No
C1200 ENFORCEMENT-DATA									

Freedom Addendum_7982

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C1201 ENF-ID	FEDERAL_FISCAL_YEAR_NUMBER ENFORCEMENT_ACTION	3	No		YES	YES	YES	YES	YES
	D_GENERATED_ID_SOURCE_CODE ENFORCEMENT_ACTION								
	STATE_ASGN_IDENTIFICATION_ NUMBER ENFORCEMENT_ACTION								
C1203 ENF-ACTION-DATE	DATE ENFORCEMENT_ACTION	2	No		YES	YES	YES	YES	YES
C1205 ENF-FOLLOW-UP-ACTION	The three position FRDS-II FOLLOW-UP-ACTION code is represented as three separate columns in SDWIS as follows: FRDS Position SDWIS Column 1. TFREFUA_AT_CODE 2. TFREFUA_FT_CODE 3. TFREFUA_SC_CODE	2	No		YES	YES	YES	YES	YES
C1280 ENF-VIOLATIONS									
C1281 ENF-LINK-VIO-ID	Represented by a relationship between VIOLATION and ENFORCEMENT_ACTION	C1281-C1291 are not registration requirements but are needed to link enforcement actions to violations	No		YES	YES	YES	YES	YES
C1283 ENF-LINK-RANGE-BEGIN	DATE_BEGIN ENF_VIOLATION_CRITERION		No		YES	YES	YES	YES	YES
C1285 ENF-LINK-RANGE-END	DATE_END ENF_VIOLATION_CRITERION		No		YES	YES	YES	YES	YES
C1287 ENF-LINK-PERIOD-BEGIN	DATE_BEGIN ENF_VIOLATION_CRITERION		No		YES	YES	YES	YES	YES
C1289 ENF-LINK-VIO-TYPE	TFRVTYPE_CODE ENF_VIOLATION_CRITERION		No		YES	YES	YES	YES	YES

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DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C1291 ENF-LINK-CONTAMINANT	TFRCNTMN_CODE ENF_VIOLATION_CRITERION		No		YES	YES	YES	YES	YES
C2100 SAMPLE-DATA									
C2101 SAMPLE-ID	D_GENERATED_ID_SOURCE_CODE SAMPLE STATE_ASGN_IDENTIFICATION_ NUMBER SAMPLE	3	No		No	No	No		YES
C2103 SAMPLE-BEGIN-DATE	COMPLIANCE_PERIOD_BEGIN_DATE SAMPLE	4 Conditionally required when reporting PB90 samples.	No		No	No	No	Reported for lead 90th percentile only	No
C2105 SAMPLE-END-DATE	COMPLIANCE_PERIOD_END_DATE SAMPLE	2	No		No	No	No		For unregulated contaminants C2105 = date system collected the sample
C2107 SAMPLE-CONTAMINANT	TFRCNTMN_CODE SAMPLE_ANALYTICAL_RESULT	2	No		No	No	No		YES
C2109 SAMPLE-RESULT-SIGN	DETECTION_LIMIT_CODE SAMPLE_ANALYTICAL_RESULT	4 Conditionally required for UCM data only.	No		No	No	No	No	YES
C2111 SAMPLE-ANALYSIS-RESULT	MEASURE SAMPLE_ANALYTICAL_RESULT	2	No		No	No	No	Lead 90th percentile only	YES

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C2112 SAMPLE-RESULT-UM	UNIT_OF_MEASURE_CODE SAMPLE_ANALYTICAL_RESULT	4 Conditionally required for UCM data only.	No		No	No	No	No	YES
C2113 SAMPLE-ANALYSIS-METHOD	TFRSTOP_METH_CODE SAMPLE	No	No		No	No	No	No	~~YES~~ No, based on April '98 memo from OGWDW
C2115 SAMPLE-SOURCE-TYPE	SOURCE_TYPE_CODE SAMPLE	~~4~~ No	No		No	No	No	No	~~YES~~ No
C2119 SAMPLE-SE-ID	Represented by a relationship between SAMPLE and WATER_SYSTEM_FACILITY.	No	No		No	No	No	No	~~Will be required starting 1996~~ No
C2125 SAMPLE-QTY-COMPOSITED	COMPOSITE_QUANTITY SAMPLE	No	No		No	No	No	No	~~Only required if samples are composited~~ No
C2137 SAMPLE-TYPE	TYPE_CODE	~~4~~ No	No		No	No	No	No	~~YES~~ No

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Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C3000 VARIANCE-EXEMPTION DATA									
C3001 VE-ID	FEDERAL_FISCAL_YEAR_NUMBER DEVIATION	3	No		No	~~Used to report filtration requirements (FR) to FRDs~~ No	YES	YES	No
	D_GENERATED_ID_SOURCE_CODE DEVIATION								
	STATE_ASGN_IDENTIFICATION_ NUMBER DEVIATION								
	D_GENERATED_ID_SOURCE_CODE MILESTONE_EVENT								
C3003 VE-CONTAMINANT	TFRCNTMN_CODE DEVIATION	4	No		No	No	YES	YES	No
C3005 VE-RECORD-TYPE	TYPE_CODE DEVIATION	2	No		No	~~Used to report FR~~ No	YES	YES	No
	TYPE_CODE MILESTONE_EVENT								
C3007 VE-EFFECTIVE-DATE	EFFECTIVE_DATE DEVIATION	4	No		No	~~Used to report date PWS was required to filter~~ No	YES	YES	No
	ACTUAL_DATE MILESTONE_EVENT								
C3009 VE-EXPIRATION-DATE	EXPIRATION_DATE DEVIATION	4	No		No	No	YES	YES	No
C3011 VE-STATUS-CODE	STATUS_CODE DEVIATION	4	No		No	No	YES	YES	No
	STATUS_CODE MILESTONE_EVENT								
C3013 VE-MOD-MCL	MODIFIED_MCL_MEASURE DEVIATION	4	No		No	No	YES	YES	No
C3017 VE-ALT-PROCESS	TINTRPR0_CODE DEVIATION	4	No		No	No	YES	YES	No

Table SUM-1: Grand Summary of State Reporting Requirements (cont.)

DTF COMPONENT NUMBER AND NAME	SDWIS ATTRIBUTE	CORE DATA SET			REQUIREMENTS FOR:				
		REGISTRATION REQUIREMENT	GRANT		TCR	SWTR	PHASE I, II/IIB, V	LCR	UCM
			Formula	Withholding					
C3019 VE-REASON-CODE	REASON_CODE DEVIATION	4	No		No	~~Used to report reason for FR~~	No	No	No
	REASON_CODE MILESTONE_EVENT					No			
C3100 VE-SCHEDULE-DATA									
C3101 VE-SCHEDULE-ID	STATE_ASGN_IDENTIFICATION_ NUMBER DEVIATION_SCHEDULE	3	No		No	~~Applies to FR only~~	YES	YES	No
	STATE_ASGN_SCHEDULE_NUMBE R MILESTONE_EVENT					No			
C4001 STATE_DISCRETIONARY_DATA									
C4001 SDD-ID	Not Converted	3 Needed if state chooses to report state discretionary data to FRDS	No		No	No	No	No	No

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